

Figure 1A

| | | | | | |
|-----------|------------|------------|------------|------------|------------|
| >1891065 | CAGTGACCAT | GAAGGCTGTG | CTGCTTGCCC | TGTTGATGGC | AGGCTTGGCC |
| >1543671 | GTGACCAT | GAAGGCTGTG | CTGCTTGCCC | TGTTGATGGC | AGGCTTGGCC |
| Consensus | CAGTGACCAT | GAAGGCTGTG | CTGCTTGCCC | TGTTGATGGC | AGGCTTGGCC |
| >1891065 | CTGCAGCCAG | GCACTGCCCT | GCTGTGCTAC | TCCTGCAAAG | CCCAGGTGAG |
| >1543671 | CTGCAGCCAG | GCACTGCCCT | GCTGTGCTAC | TCCTGCAAAG | CCCAGGTGAG |
| Consensus | CTGCAGCCAG | GCACTGCCCT | GCTGTGCTAC | TCCTGCAAAG | CCCAGGTGAG |
| >1891065 | CAACGAGGAC | TGCCTGCAGG | TGGAGAACTG | CACCCAGCTG | GGGGAGCAGT |
| >1543671 | CAACGAGGAC | TGCCTGCAGG | TGGAGAACTG | CACCCAGCTG | GGGGAGCAGT |
| >1863905 | CGAGGAC | TGCCTGCAGG | TGGAGAACTG | CACCCAGCTG | GGGGAGCAGT |
| Consensus | CAACGAGGAC | TGCCTGCAGG | TGGAGAACTG | CACCCAGCTG | GGGGAGCAGT |
| >1891065 | GCTGGACCGC | GCGCATCCGC | GCAGTTGGCC | TCCTGACCGT | CATCAGCAAA |
| >1543671 | GCTGGACCGC | GCGCATCCGC | GCAGTTGGCC | TCCTGACCGT | CATCAGCAAA |
| >1863905 | GCTGGACCGC | GCGCATCCGC | GCAGTTGGCC | TCCTGACCGT | CATCAGCAAA |
| Consensus | GCTGGACCGC | GCGCATCCGC | GCAGTTGGCC | TCCTGACCGT | CATCAGCAAA |
| >1891065 | GGCTGCAGCT | TGAACTGCGT | GGATGACTCA | CAGGACTACT | ACGTGGGCAA |
| >1543671 | GGCTGCAGC | | | | |
| >1863905 | GGCTGCAGCT | TGAACTGCGT | GGATGACTCA | CAGGACTACT | ACGTGGGCAA |
| Consensus | GGCTGCAGCT | TGAACTGCGT | GGATGACTCA | CAGGACTACT | ACGTGGGCAA |
| >1891065 | GAAGAACATC | ACGTGCTGTG | ACACCGACT | | |
| >1863905 | GAAGAACATC | ACGTGCTGTG | ACACCGACTT | GTGCAACGCC | AGCGGGGCCC |
| >1314679 | | GTGCTGTG | ACACCGACTT | GTGCAACGCC | AGCGGGGCCC |
| Consensus | GAAGAACATC | ACGTGCTGTG | ACACCGACTT | GTGCAACGCC | AGCGGGGCCC |
| >1863905 | ATGCCCTGCA | GCCGGCTGCC | GCCATCCTTG | CGCTGCTCCC | TGCACTCGGC |
| >1314679 | ATGCCCTGCA | GCCGGCTGCC | GCCATCCTTG | CGCTGCTCCC | TGCACTCGGC |
| >1647920 | | | | | CTCGGC |
| Consensus | ATGCCCTGCA | GCCGGCTGCC | GCCATCCTTG | CGCTGCTCCC | TGCACTCGGC |
| >1863905 | CTGCTGCTCT | GGGGACCC | | | |
| >1314679 | CTGCTGCTCT | GGGGACCCGG | CCAGCTATAG | GCTCTGGGGG | GCCCCGCTGC |
| >1647920 | CTGCTGCTCT | GGGGACCCGG | CCAGCTATAG | GCTCTGGGGG | GCCCCGCTGC |
| Consensus | CTGCTGCTCT | GGGGACCCGG | CCAGCTATAG | GCTCTGGGGG | GCCCCGCTGC |
| >1314679 | AGCCCACACT | GGGTGTGGTG | CCCCAGGCCT | CTGTGCCACT | CCTCACAGAC |
| >1647920 | AGCCCACACT | GGGTGTGGTG | CCCCAGGCCT | CTGTGCCACT | CCTCACAGAC |
| Consensus | AGCCCACACT | GGGTGTGGTG | CCCCAGGCCT | CTGTGCCACT | CCTCACAGAC |
| >1314679 | CTGGCCCAGT | GGGAGCCTGT | CCTGGTTCCT | GAGGCACATC | CT |
| >1647920 | CTGGCCCAGT | GGGAGCCTGT | CCTGGTTCCT | GAGGCACATC | CTAACGCAAG |
| >1901337 | CTGGCCCAGT | GGGAGCCTGT | CCTGGTTCCT | GAGGCACATC | CTAACGCAAG |
| Consensus | CTGGCCCAGT | GGGAGCCTGT | CCTGGTTCCT | GAGGCACATC | CTAACGCAAG |
| >1647920 | TCTGACCATG | TATGTCTGCA | CCCCTGTNCC | CCACCCTGAC | |
| >1901337 | TCTGACCATG | TATGTCTGCN | CCCCTGTCCC | CCACCCTGAC | CCTCCCATGG |
| Consensus | TCTGACCATG | TATGTCTGCA | CCCCTGTCCC | CCACCCTGAC | CCTCCCATGG |
| >1901337 | CCCTCTCCAG | GACTCCCACC | CGGCAGATCA | GCTCTAGTGA | CACAGATCCG |
| Consensus | CCCTCTCCAG | GACTCCCACC | CGGCAGATCA | GCTCTAGTGA | CACAGATCCG |

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Figure 1B

| | | | | | |
|-----------|------------|------------|------------|------------|------------|
| >1901337 | CCTGCAGATG | CCCCCTCCAA | CCCTCTCTGC | TGCTGTTTCC | ATGGCCCAGC |
| >1722770 | | | | | CCCAGC |
| Consensus | CCTGCAGATG | CCCCCTCCAA | CCCTCTCTGC | TGCTGTTTCC | ATGGCCCAGC |
| | | | | | |
| >1901337 | ATTCTCCACC | CTTAACCCTG | TGCTCAGGCA | CCT | |
| >1722770 | ATTCTCCACC | CTTAACCCTG | TGCTCAGGCA | CCTCTTCCCC | CAGGAAGCCT |
| Consensus | ATTCTCCACC | CTTAACCCTG | TGCTCAGGCA | CCTCTTCCCC | CAGGAAGCCT |
| | | | | | |
| >1722770 | TCCCTGCCCA | CCCCATCTAT | GACTTGAGCC | AGGTCTGGTC | CGTGGTGTCC |
| Consensus | TCCCTGCCCA | CCCCATCTAT | GACTTGAGCC | AGGTCTGGTC | CGTGGTGTCC |
| | | | | | |
| >1722770 | CCCGCACCCA | GCAGGGGACA | GGCACTCAGG | AGGGCCCAGT | AAAGGCTGAG |
| Consensus | CCCGCACCCA | GCAGGGGACA | GGCACTCAGG | AGGGCCCAGT | AAAGGCTGAG |
| | | | | | |
| >1722770 | ATGAAGTGGA | CTGAGTAGAA | CTGGAGGACA | AGAGTCGACG | TGAGTTCCTG |
| >1456048 | | | | | CCTG |
| Consensus | ATGAAGTGGA | CTGAGTAGAA | CTGGAGGACA | AGAGTCGACG | TGAGTTCCTG |
| | | | | | |
| >1722770 | GGAGTCTCCA | GAGATGGGGC | CTGGAGGCCT | | |
| >1456048 | GGAGTCTCCA | GAGATGGGGC | CTGGAGGCCT | GGAGGAANGG | NANCAGGCCT |
| Consensus | GGAGTCTCCA | GAGATGGGGC | CTGGAGGCCT | GGAGGAANGG | NANCAGGCCT |
| | | | | | |
| >1456048 | CACATTCGTG | GGGCTCCCTG | AATGGCAGCC | TGAGCACAGC | GTAGGCCCTT |
| Consensus | CACATTCGTG | GGGCTCCCTG | AATGGCAGCC | TGAGCACAGC | GTAGGCCCTT |
| | | | | | |
| >1456048 | AATAAACACC | TGTTGGAT | | | |
| Consensus | AATAAACACC | TGTTGGAT | | | |

6539253500

Figure 2

